

COMPUTRAC®

APPLICATIONS

Agricultural Products
Automotive
Batteries
Biological Products
Bulk | Intermediate
Chemicals
Electronics
Explosives
Fine | Specialty
Chemicals
Injection Molders
Oils | Greases
Petrochemicals
Petroleum Refinery
Plastic Recycling
Polymers
Powder Bulk Solids
Resin Manufacturing
Rubber | Plastics

CERTIFICATIONS

ASTM D7191-10
Standard Test Method
for Determination of
Moisture in Plastics by
Relative Humidity
Sensor

UL and CE
ISO 9001:2008

MADE IN THE USA



ARIZONA INSTRUMENT LLC
3375 N Delaware St | Chandler, AZ
www.azic.com



COMPUTRAC® Vapor Pro® Moisture Specific Analyzer

The Computrac® Vapor Pro® provides a GREEN, fast, easy, and cost-effective alternative to Karl Fischer titration methods. It is an ideal choice for companies who want to make quality products as efficiently as possible by saving time and money, improving dryer efficiencies and eliminating costly rework and downtime expenses.

FEATURES

Temperature Calibration Interface (TCI) Module (optional)
21 CFR Part 11 Compliant (optional)
No Toxic Reagents or Specialized Glassware
Automatic, Menu Driven Operation Requires Minimal User Skills
Automatic Sample Loading
Self-Diagnostics Alert Operator of any Instrument Problems
Security Feature Restricts Access to Program and Instrument Settings
Optional Multi-Point Temperature Calibration Module utilizes NIST-Traceable RTD to $\pm 1^{\circ}\text{C}$
Validation Package and Validation Services Available
Real-Time Graph of Moisture Curve and Rate of Moisture Loss
Accuracy, Durability, Reliability, Consistency and Speed
Continuous Display of Test Time, Current Temperature, Programmed Test Temperature,
Current Microgram Water Measurement, and Calculated Moisture Content
Statistical Features Calculate Mean, Standard Deviation and Coefficient of Variation (C.V.)
Easy Setup of Product Methods to Ensure Optimum Test Results
Flexible Ending Criteria to Ensure Accurate Test Results
Programmable Temperatures to $\pm 1^{\circ}\text{C}$

SPECIFICATIONS

Moisture Range	10 ppm (10 μg 0.0010%) to 100%
Moisture Resolution	1 ppm (0.1 μg 0.0001%)
Repeatability	$\leq 10\%$ C.V. $> 0.1\%$ moisture $\leq 15\%$ C.V. $< 0.1\%$ moisture dependent on sample properties
Temperature Range	25°C to 275°C controlled to $\pm 1^{\circ}\text{C}$ of set point
Sample Size	0.01 g (10 mg) to 20 g dependent upon expected moisture level and sample density
Automatic Test	
Ending Method	Rate Threshold, user adjustable Time, user adjustable Prediction Time then Rate, user adjustable

COMPUTRAC®

FREE Sample Testing
FREE Trials
FREE Loaners

Sales Representatives
800.528.7411 | 602.470.1414
sales@azic.com

Extended Warranties and Parts
800.528.7411 | 602.470.1414
sales@azic.com

Test Parameter Memory

Statistical Analysis

Results Display

Sensor Calibration

Self Diagnostics

Power Requirements

Dimensions

Weight

Warranty

Storage of up to 100 user programs, retains last 30 sample test runs

Mean, Standard Deviation (S.D.), Coefficient of Variation (C.V.)

% Moisture, ppm Moisture, µg Water

Manual calibration with NIST traceable capillary tubes

Built in hardware and software diagnostics

100-120 V~, 50/60 Hz, 8 amps maximum, or

220-240 V~, 50/60 Hz, 4 amps maximum

5.75" H x 14.5" W x 14" D (not including bottle loader/ramp)

19 lbs (8.6 kg)

Two years, factory parts and labor (one year international)

ACCESSORIES

990-0092

Y990-0082

Y990-0098

Y990-0142

Y990-0143

Y990-0163

Y990-0196

Y990-0249

Carrying Case Assembly

External Balance with Cable, 110V

Printer Kit, Parallel 110V

Temperature Calibration Interface (TCI) Kit, 110V

Dry Air Generator Kit 110V

Validation Protocol (IQ/OQ/PQ) Kit

Vapor Pro Communications Software Kit

Technology Transfer Kit (Binder & CD)

PARTS

Y990-0116

Y990-0161

Dessicator Kit (Inline)

Needle Replacement Kit

CONSUMABLES

990-0150

990-0229

Y990-0206

Y990-0226

1.0 Microliter Microcaps

High Temperature Sample Bottles

Kit: Septa (50), Caps (10); High Temperature

Bottle Testing Assemblies: (10), Metal Caps (10), Septa (10)



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